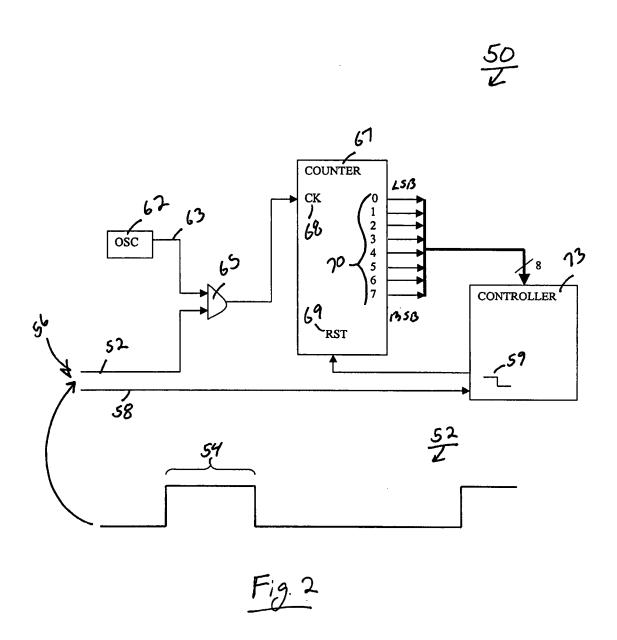


Fig.1



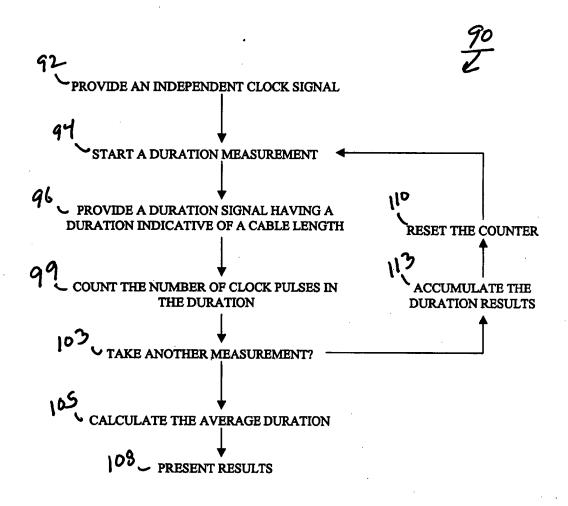


Fig. 3

Fig. 4



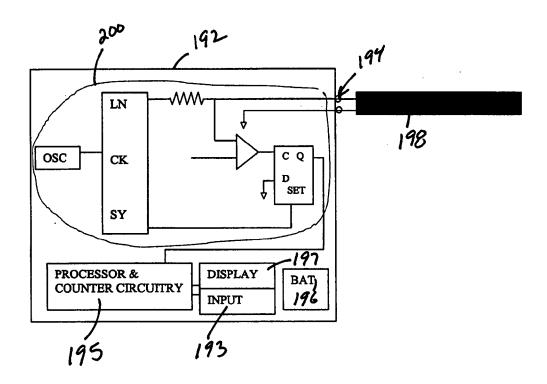


Fig. 5

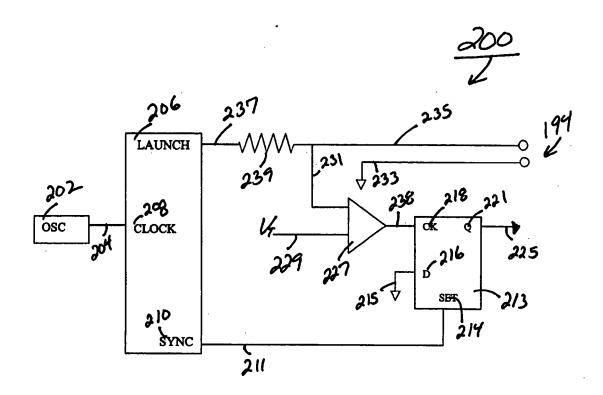
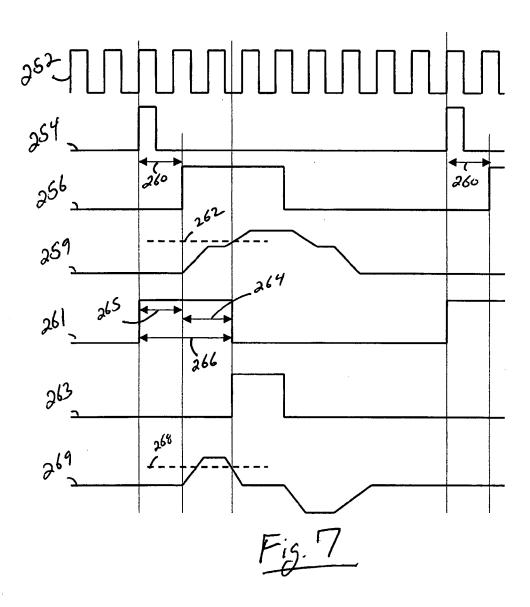


Fig. 6





PROVIDE A REFERENCE SIGNAL PREDEFINE A MEASUREMENT THRESHOLD START A DURATION SIGNAL ~284 WAIT A DELAY TIME - 286 LAUNCH A PULSE INTO A CABLE-UNDER-TEST - 288 DETECT WHEN THE RETURN PULSE -291 REACHES THE THRESHOLD END THE DURATION SIGNAL ~293 MEASURE THE DURATION OF THE ~295 **DURATION SIGNAL** COMPENSATE FOR THE DELAY TIME -297 CALCULATE A LENGTH - 299 PRESENT THE LENGTH -301

Fig. 8

